

18. 05. 2001

(42)

## CLAIMS

1. Power roller for a toroidal type IVT being integrally shaped through powder metallurgy techniques from a steel comprising
- 5        0.75 - 1.85 wt % C  
         0.10 - 0.45 wt% Si  
         0.15 - 0.50 wt% Mn  
         3.50 - 4.50 wt% Cr  
         4.00 - 11.00 wt% Mo
- 10       0.90 - 5.25 wt% V  
         0.10-13.00 wt% W  
         balance Fe and impurities.
2. Powerroller according to claim 1, comprising a M62 type steel.
3. Toroidal type IVT comprising powerrollers according to one of the preceding
- 15       claims and a disk being integrally shaped through powder metallurgy techniques.
4. Toroidal type IVT according to claim 3, wherein said disk comprises
- 0.75 - 1.85 wt % C  
         0.10 - 0.45 wt% Si  
         0.15 - 0.50 wt% Mn
- 20       3.50 - 4.50 wt% Cr  
         4.00 - 11.00 wt% Mo  
         0.90 - 5.25 wt% V  
         0.10-13.00 wt% W  
         balance Fe and impurities.
- 25       5. Toroidal type IVT according to claim 3 or 4, wherein said disk comprises a M62 type steel.

AMENDED SHEET